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Jameco Part Number 220353 (SLW05A-033)

# MEAN WELL

## SWITCHING POWER SUPPLY

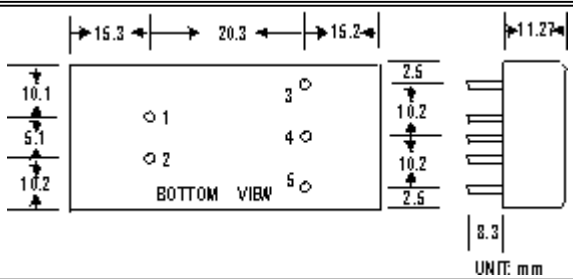
ISO-9001 CERTIFIED MANUFACTURER

## SLW05A SERIES

- .2:1 WIDE INPUT RANGE
- .REGULATED DC OUTPUT
- .1000VDC I/O ISOLATION
- .3000VDC ISOLATION IS AVAILABLE
- .INPUT PI NETWORK FILTER
- .INDUSTRY STANDARD PACKAGE
- .FIVE-SIDED SHIELD OF METAL CASE
- .NO EXTERNAL COMPONENTS REQUIRED
- .HIGH PERFORMACE / LOW PRICE
- .SHORT CIRCUIT PROTECTION
- .100% BURN-IN TEST
- .1 YEAR WARRANTY

| MODEL / SPECIFICATION | SLW05A-033 | SLW05A-05 | SLW05A-09 | SLW05A-12 | SLW05A-15 |
|---|---|---|---|---|---|
| DC OUTPUT VOLTAGE | 3.3V | 5V | 9V | 12V | 15V |
| OUTPUT VOLTAGE ACCURACY | ±2% | | | | |
| OUTPUT RATED CURRENT | 1500mA | 1000mA | 556mA | 417mA | 333mA |
| OUTPUT CURRENT RANGE | 150-1000mA | 100-1000mA | 100-556mA | 41.7-417mA | 33.3-333mA |
| RIPPLE & NOISE | 100mVp-p (max.) | | | | |
| LINE REGULATION | ±0.2% | ±0.2% | ±0.2% | ±0.2% | ±0.2% |
| LOAD REGULATION | ±0.5% | ±0.5% | ±0.5% | ±0.5% | ±0.5% |
| DC OUTPUT POWER | 5W | 5W | 5W | 5W | 5W |
| EFFICIENCY | 70% | 75% | 80% | 80% | 81% |
| SWITCHING FREQUENCY | 50KHz min. | | | | |
| INPUT VOLTAGE RANGE | 9~18VDC | | | | |
| INPUT CURRENT | 556mA max. | | | | |
| SHORT CIRCUIT PROTECTION | CONTINOUS | | | | |
| OVER VOLTAGE PROTECTION | ---------- | | | | |
| TEMP. COEFFICIENT | ±0.03% / ° C (0~50° C) | | | | |
| ISOLATION VOLTAGE | I/P-O/P:1KVDC MIN. | | | | |
| ISOLATION RESISTANCE | I/P-O/P:100M Ohms MIN. @500VDC | | | | |
| ISOLATION CAPACITANCE | --------- | | | | |
| WORKING TEMP., HUMIDITY | -15° C~+60° C, 20%~90% RH (NO DERATING); 80% LOAD @ 71° C | | | | |
| STORAGE TEMP., HUMIDITY | -25° C~+85° C, 10%~95% RH | | | | |
| DIMENSION | 2"*1"*0.44" | | | | |
| WEIGHT | 31g | | | | |
| CASE METERIAL | FIVE-SIDED SHIELD OF METAL CASE | | | | |

MECHANISM AND PIN CONFIGURATION




| Pin no. | Output |
|---|---|
| 1 | +Vin |
| 2 | -Vin |
| 3 | +Vout |
| 4 | No Pin |
| 5 | -Vout |

NOTE :
1. ALL PARAMETERS ARE SPECIFIED AT RATED INPUT, RATED LOAD, 25° C 70% RH. AMBIENT.
2. RIPPLE & NOISE ARE MEASURED AT 20MHz BY USING A 12" TWISTED PAIR TERMINATED WITH A 0.1uF & 47uF CAPACITOR.
3. LINE REGULATION IS MEASURED FROM LOW LINE TO HIGH LINE AT RATED LOAD.
4. LOAD REGULATION IS MEASURED FROM 20% TO 100% RATED LOAD.

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